

Some problems in calculating...

27976  
S/194/61/000/004/007/052  
D249/D302

CH

values of static primary errors should not be used in dynamic accuracy calculations. The static accuracy of computers for determining the polar from rectangular coordinates is examined. 2 figures 1 table. [Abstracter's note: Complete translation.]

Card 2/2

KOVAVSKIY, K.Ye., inzh.; GOLINKIN, S.L., inzh.; VLYNSKIY, M.M.

Special features in the construction of a thrust bearing  
with swaying mounts and experience in its operation.

Elektroenergetika 11 no.5; 1962 Mytik. (MJEI 17:5)

1. Glavnoye upravleniye po mekhanicheskii stroyitel'stva  
Gosudarstvennogo priizvodstvennogo komiteta po energetike i  
elektrifikatsii SSSR.

BOGDANSKI, Kazimierz; GOLINOWSKI, Wladyslaw, BOGUMINSKI, Boguslaw; PAJCR,  
Wiktor, Janusz; NIEWIADOMSKA, Katarzyna, PIENICKI, Jozef, STEGLICKA,  
Wanda

Scientific papers abstracted. Kosmos biol 13 no,5:533-543 '64.

Effects of inoculation of non-legumes with Azotobacter on crop yields. J. Golinšek (Recen. Nauk. Roli, 1951, 63, A, 619-626). Inoculation of soil with Azotobacter improved the early growth of tomato, cabbage varieties, and celery, but the final yields were unaffected. A. G. POLLARD.

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515720017-3

CHEMIK

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515720017-3"

GOLINSKAYA, Ye. L. [Holyns'ka, I.E. L.]

Effect of hybridization on the productivity of makhorka. Nauk. zap.  
Kyiv. un. 16 no.20:121-125 '57 (MIRA 13:3)  
(Tobacco breeding)

GOLINSKAYA, Ye.L. [Holynska YE I.]

Physiological and biochemical characteristics of the respiratory apparatus of corn. Vsesoyuz. Nauchno-Issled. Inst. Sel'skogo Hoz. i Khozyaistva, No. 17, 1958.

(CIAE HEADLINE)

GOLINSKAYA, Ye. L. [Holyns'ka, Ie. L.]; STETSENKO, N. M.

Physiological and biochemical characteristics of parental and  
hybrid forms of corn. Visnyk Kyiv. un., no. 6, Ser. Biol. v. 3  
36-43 '62. (HYBRID CORN)

GOLINSKI, Jan; JANOWSKI, Janusz; LESNIAK, Idzislaw E.; SALWICKI,  
Andrzej; WINKOWSKI, Jozef

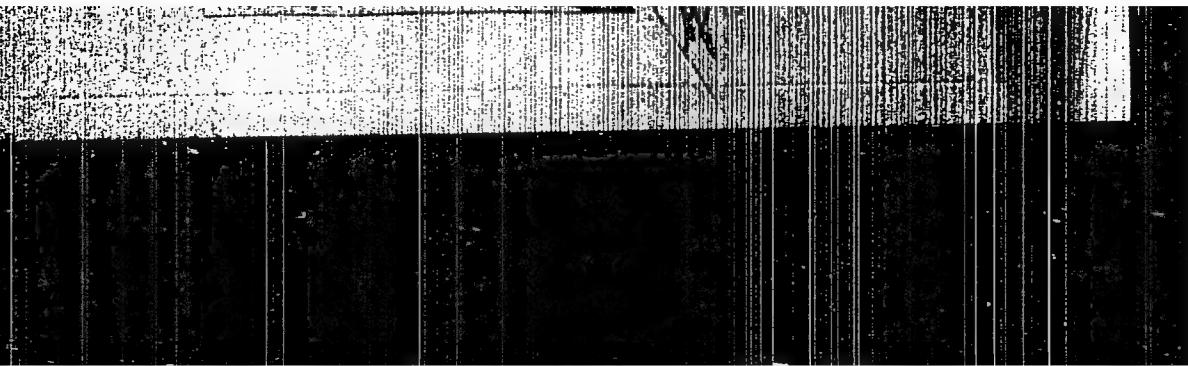
Digital computer program for structural analysis of a  
statically indeterminate bridge. Archiw inż inż no. 4:  
414-445 '63.

1. Instytut Matematycznych, Polska Akademia Nauk,  
Warszawa (for Golinski, Janowski, Salwicki, Winkowski).
2. Centralny Czrodek Badania i Rozwoju Techniki Kolejnictwa,  
Warszawa (for Lesniak).

Holinski ✓  
4039. The measurement of insulation resistance, voltage and surge distribution in power systems  
1. General. Present measurements of insulation resistance in power systems in Poland.  
Method of measuring the insulation resistance of discharge and their insulation resistance are discussed. They are applied to 110kV voltage transformer. The difficulty is given in the case of insulation resistance magnitude of discharge. The measured insulation resistance is compared in dependence of particular. The surge voltage distribution is made to layer thickness of 1-10 cm. The insulation resistance is shown on oscillogram and graphs. The method influence of insulation resistance on the insulation resistance on the results of measurement. Owing to some

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CIA-RDP86-00513R000515720017-3"

GOLINSKI, J.

621.311.018.03 : 621.314.1.015.63  
1130. IONIZATION IN TRANSFORMERS AND HIGH-VOLTAGE  
MACHINES. (Golinski, W. Lekik and S. Zobolewski).  
Rozprawy Elektrotech., Vol. 3, No. 3, 403-54 (1957). In Polish,  
with summaries (1 p.) in Russian and (1 p.) in English.

A comprehensive review of ionization phenomena in homogeneous  
gaseous, solid and liquid dielectrics is presented. Methods of  
measurement by means of a revolving camera, photoluminescence  
recording on photographic paper are given. Detection methods for  
internal ionization in insulation are discussed. Results of the  
authors' own work are included. A bibliography of 134 items is  
given.

ODERFELD, Jan, prof.,dr. (Warszawa); Bogumil, T., mgr.,inz.; GOLINSKI,  
J., mgr.,inz.; MORECKI, A., doc.,dr.

Empirical determination of the kinetic coefficient of friction.  
Archiw bud masz 8 no.4:469-472 '61.

1. Zespol Katedry Teorii Maszyn i Mechanizmow Politechniki Warszawskiej

GOLUSKI, Jacek, Mgr.inz.

220 kV operating transformers, Inst Elektrotech, no.26:23-4  
1. l.

1. Zawód wysokich napięć, Jaroszawa.

RECORDED AND INDEXED  
JULY 1964

RECORDED AND INDEXED  
JULY 1964

RECORDED AND INDEXED  
JULY 1964

TEXT: The characteristics of the core made of ferrite powder, the effective voltage to sustain and the evidence of the hysteresis loop on the magnetization characteristics are illustrated by means of vector diagrams for the cases of rectangular and square cross-sections. The core losses of the type of ferrite core are also discussed. It is assumed in induction with the existing types of cores that the permeability of the magnetic core is constant throughout the entire range of the magnetic flux density. In view of the fact that the magnetic field in the core of the transformer is not uniform, it is necessary to take into account the effect of the non-uniformity of the magnetic field on the magnetic properties of the core. This is done by calculating the magnetic field in the core of the transformer and determining the magnetic flux density in different parts of the core. The magnetic field in the core of the transformer is calculated by the formula:

Card 1/2

resonance phenomena. In 1968

the Swedish standard evaluated  
and accepted

the resistance during inrush current and that caused by the direct current resistive load are described and characterized by two ratios. Conclusions are drawn that for high capacitance of the condenser potential is higher during the inrush than at load and that the core saturation and ferromagnetic noise is most likely to occur during the inrush. It is recommended that resonance leading of the transformer coil. The Swedish standards requirements have proved to provide a simple and effective test procedure. There are 12 annexes and 16 references; 5 Soviet-block and 13 non-Soviet-block. The 4 most recent references to the Swedish standard published are listed as follows:

P.T. Normanslutning i transformatorer för ström och spänning, 1968, p. 48, p. 254; F.L. Standard, The Electrical Review, June, 1972; IEC Standard, IRM, Part II, 1967, p. 371; N. and Isen, Elektrotech. Z., 1968, p. 369.

ASSEMBLY: Inspected electrical equipment (transformers, etc.)  
Zelenogradsk, USSR, 1972; few days after completion of manufacturing  
Plant of High voltage devices.

Card 2/2

GOLINSKI, Janusz, MAKOWSKI, Mieczyslaw

Capacitor voltage transformers. Przegl elektrotechn 38 no.2:  
46-50 '62.

1. Instytut Elektrotechniki, Warsaw (for Golinski). 2. Zaklady  
Wytwarzce Aparatow Wysokiego Napięcia (for Makowski)

GOLINSKI, Jacek; MAKOWSKI, Zbigniew

Resonance phenomena in capacity voltage transformers. Przegl  
elektrotechn 38 no.3:99-104 Mr '62.

1. Instytut Elektryczny, Warszawa (for Golinski) 2. Zaklady  
Wytwarzane Aparatow Wysokiego Napięcia, Warszawa (for Makowski).

GOLINSKI, Jozef Antoni (Wroclaw)

Analysis of transient resonance of a one-mass vibrating system  
and its application to the theory of vibration isolation of  
rotating machinery. Inst masz przep PAN no.13:81-198 '63.

GOLINCKI, Jan, mgr inz.; LESNIAK, Zdzislaw, dr inz.; WISNIEWSKI, Jozef, agr

Use of digital computers in static calculations. Inz i Dr inz 20  
no.2:69-72 F '63.

DUDEK, W.; GOLINSKI, J.; LASKOWSKI, J.

Impulse strength tests of transformer insulation. Przegl  
elektrotechniczny 32 no.7:261-265 J1 '60.

l. Zaklad Wysokich Napięć, Instytut Elektrotechniki, Warszawa.

GOLWSKI, Jan dr. inz.

Optimal synthesis of machines by Monte Carlo method. I. Method.  
Reel 23 No. 4727 25 [etc.]

Department of Theory of Machines and Mechanisms [etc.]  
University, Warsaw

ACC NR: AP6032358

(N)

SOURCE CODE: P0/0035/66/000/014/0423/0425

AUTHOR: Dietrich, Marek (Doctor, Engineer, Adjunct professor); Golinski, Jan (Doctor, Engineer, Adjunct professor)

ORG: none

TITLE: Design of gear drives. New method optimalizing the design for use with digital computers

SOURCE: Przeglad mechaniczny, no. 14, 1966, 423-426

TOPIC TAGS: digital computer, transmission gear

ABSTRACT: The paper discusses a new method of designing gear drives in which the problem of design is formulated in a novel manner and solved by a random search of the region of allowed solutions, using random numbers of uniform distribution. The new method can be applied only when digital machines are employed. The article also gives a practical computational example for a gear drive executed in accordance with the adopted diagram and illustrating the proposed method of optimum synthesis of gear drives. Orig. art. has: 1 figure and 9 formulas.

SUB CODE: 09,13/ SUBM DATE: none/ ORIG REF: 004/ SOV REF: C01

Card 1/1

BCLIINSKI, Jozef A., dr., inz., asciunkt

Computation of vibration absorbers with many degrees of freedom.  
Inzynieria sanitarna no.45:55-82 '61.

1.Katedra Ogrzewania i Wentylacji Politechniki Wrocławskiej.

GOLINSKI, Jozef A., dr inze., adiunkt

Analysis of transient resonance of a one mass vibrating system  
and its application to the theory of vibration isolation of  
rotating machines. Ft. 2. Inz sanit Wroclaw 411-39 163.

I. Katedra Ogrzewania i Wentylacji, Politechnika, Wroclaw.

GOLINSKI, Jozef Antoni (Wroclaw)

Analysis of Geiger torsiograph records in cases of untypical use of  
the instrument. Inst masz przep PAN no.10:79-167 '62.

GOLINSKI, Juliusz

The associations of the industrial branches have been  
necessary. Przegl drobn wytwor 12 no.7:10-12 Ap '62.

CETNAROWICZ, Jan; GOLINSKI, Kazimierz; WIEJOWSKI, Michal; URASINSKI, Ignaci; Krakow.

Pneumopericardium as a complication of perforation of a peptic ulcer of the stomach. Przegl.lek., Krakow 11 no.6: 166-169 1955.

1. Z II Kliniki Chorob Wewn. A.M. w Krakowie. Kierownik: prof.  
dr. T. Tempka i z Zakladu Anatomii Patologicznej A.M. w Krakowie  
Kierownik: prof. dr. J. Kowalczykowa.

(PEPTIC ULCER, perforation  
causing pneumopericardium)  
(PNEUMOPERICARDIUM, complications  
peptic ulcer perf.)

GOLINSKI, Kazimierz; HANICKI, Zygmunt

Problem of the group diseases: eosinophilic granuloma, Hand-Schuller-Christian disease, Letterer-Siwe disease. Polskie arch. med. wewn. 25 no.6a:1265-1273 1955.

l. Z II Kliniki Chorob Wewnetrznych A. M. w Krakowie Kierownik:  
prof. dr. nauk med. T. Tempka Krakow, Wyspianskiego 11/3.

(EOSINOPHILIC GRANULOMA  
relation to Hand-Schuller-Christian synd. & Letterer-Siwe dis. (Pol))

(LIPOIDOSIS  
Hand-Schuller-Christian synd., relation to eosinophilic granuloma & Letterer-Siwe dis. (Pol))

(RETICULOENDOTHELIOSIS  
Letterer-Siwe dis., relation to eosinophilic granuloma & Hand-Schuller-Christian synd. (Pol))

FENCZYN, Jan; GOLINSKI, Kazimierz

Procaine in radiological diagnosis of diseases of the stomach  
and duodenum. Postepy radiol. 2:60-69 1956.

l. Z oddziału gastrologicznego i pracowni radiologicznej II  
Kliniki Chorób Wewnętrznych A.W. w Krakowie Kierownik: prof.  
dr. T. Tempka.

(DUODENUM, radiography,  
procaine in (Pol))

(STOMACH, radiography,  
procaine in (Pol))

(PROCAINE,  
in stomach & duodenum x-ray (Pol))

EXCERPTA MEDICA Sec.14 Vol.11/9 Radiology Sept 57.

1651. GOLIŃSKI K. Pracowni Radiol. II Klin. Chor. Wewnętrz. A.M., Kraków.  
\*Woda mineralna Zuber III jako środek do badania motoryki woreczka  
żółciowego. Mineral water zuber III used as a means to  
examine the motor function of the gallbladder PRZEGŁ. LEK  
1957, 13/1 (22-23) Tables 1  
On the ground of roentgen examinations it is emphasized that the use of zuber III  
does not in general influence the motor-function of the gallbladder.

Mikułowski - Cracow (XIV, 6\*)

CETNAROWICZ, Jan; HANICKI, Zygmunt; KIRCHMAYER, Stanislaw; KOSTKOWSKI, Andrzej;  
MRUK, Jozef; WIEJOWSKI, Michal. (czesc : liniowa), GOLINSKI, Kazimierz,  
(czesc radiologiczna).

Clinical aspects of diseases of the osteo-hemoietic system according  
to data of the Second Internal Clinic of the Academy of Medicine in  
Krakow. Polskie arch. med. wewn. 29 no.2:224-240 1959.

1. Z II Kliniki Chorob Wewnętrznych A. M. w Krakowie Kierownik prof.  
dr med. T. Tempka. Adres: Krakow, ul. Kopernika 15. II Klinika Chor.  
Wewn. A.M.

(BLOOD DISEASES, statist.  
hosp. statist. (Pol))

GODFREY, MARY A., 1926

Stripping uranium from tri-n-octylphosphine extracts by sulfuric  
carbonate solutions. Radiation Research, 1964, 61, 107.

L. J. KELLY, R. L. HARRIS, AND R. J. WILSON, JR., AND G. E. WILSON,  
KARZEMI.

I 22500-66 EWP(t) IJP(c) JD/WW/JG  
ACC NR: AP6011470

SOURCE CODE: PG/CO46/65/010/011/0705/0714

AUTHOR: Golinski, Marek--Golin'ski, M.; Korpak, Wincenty--Korpak, V.

ORG: Department of Technological Chemistry, Institute of Nuclear Research, Warsaw  
(Zaklad Technologii Chemicznej Instytut Badan Jadrowych)

TITLE: Solvent extraction of molybdenum<sup>61</sup> and uranium<sup>233</sup> from sulfate solutions with tri-n-octylamine

SOURCE: Nukleonika, v. 10, no. 11, 1965, 705-714

TOPIC TAGS: solvent extraction, molybdenum, uranium, sulfate

ABSTRACT: Extraction of Mo and U from sulfate solutions with tri-n-octylamine was investigated. It was demonstrated that the extraction coefficient of Mo ( $D_W^O$ ) decreased when the U and Fe concentrations were increased. When the pH of the solution was increased  $D_W^O$  also increased. The influence of the Mo concentration and pH value on the extraction coefficient of U ( $E_W^O$ ) was determined. Mo in the aqueous phase decreased the  $E_W^O$  value. In the presence of Mo, the changing of pH had no influence on the value of  $E_W^O$ . The authors thank Mr. B.Jurzyk for carrying-out the analytic part of the work. Orig. art. has: 6 figures and 4 tables. NA

SUB CODE: 07 / SUBM DATE: 12Jun65 / ORIG REF: 004 / OTH REF: 004

Card 1/1 JK

SECRETARY OF STATE, U.S. GOVERNMENT, WASH., D.C.

(After the mechanic of the aircraft crew of the plane, he  
gives a "friendly greeting" upon arrival at the terminal and  
at Melikhovo, [near Moscow] and the plane, [and]  
then goes to the office.)

SOV-124-57-5-5507

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 5, p 56 (USSR)

AUTHOR: Golinskiy, B. L.

TITLE: Concerning an Ideal Fluid Flow Past a System of Arcs That Can Be Approximated by Straight-line Segments and the Corresponding Keldysh-Sedov Boundary Problems (K voprosu ob obtekaniii sistemy dug blizkoy k otrezkam pryamoy v ideal'nom potoke i o sootvetstvuyushchikh krayevykh zadachakh tipa Keldysha-Sedova)

PERIODICAL: Tr. Khar'kovsk. aviats. in-ta, 1955, Nr 16, pp 109-122

ABSTRACT: The author examines a fluid flow past a system of arcs  $E'$  that differs but little from a system of straight-line segments  $E$ . Situated on that same straight line is a system of segments  $C$  which are endowed with vortices having a density  $\gamma(u)$ . The integral equation for the problem is solved by the methods developed by N. I. Akhiyezer (Izv. AN SSSR, 1945, Vol 9, pp 275-290). In this way the Wagner equation for the unsteady motion of a wing (Z. angew. Math. und Mech., 1924, Vol 5, Nr 17) is evolved anew, and with it the expressions for the flow past an S. A. Chaplygin slotted wing and past a cascade formed by the segments of a single straight line [Sedov, L. I., Ploskiye zadachi

Card 1/2

SOV/124-57-5-5507

Concerning an Ideal Fluid Flow Past a System of Arcs (cont.)

gidrodinamiki i aerodinamiki (Planar Problems in Hydrodynamics and Aerodynamics). Gostekhizdat, Moscow-Leningrad, 1950]. In addition, an expression is evolved for the flow past a system of arcs that are virtually coincident with the  $x$ -axis, which is situated between two solid parallel walls, one on each side thereof and both equally distant therefrom. Bibliography: 5 references.

M. I. Gurevich

Card 2 2

SOV/124-59-1-183

Translation from: Referativnyy zhurnal. Mekhanika, 1959, Nr 1, pp 23-24 (USSR)

AUTHOR: Golinskiy, B.L.

TITLE: Flow Past a Circle-shaped System of Thin Arcs by a Stationary Flow of an Ideal Incompressible Fluid!

PERIODICAL: Tr. Khar'kovsk. aviat. in-ta, 1957, Nr 17, pp 199-203

ABSTRACT: Formulae for the lifting power and moment in the case of flow past a system of arcs, that differ little from the arcs of one circle, are derived for an unbounded flow and for a flow restricted by a horizontal wall, in which the center of the circle-shaped arcs is lying. For the derivation of the indicated formulae are applied the thin wing method and the formulae for the inversion of singular integrals, found by N.I. Akhiezer (Izv. AS USSR, 1945, Vol 9, Nr 4, pp 275-290).

Bibl. 4 titles.

(From Résumé) ✓

Card 1/1

AUTHOR: Golinskiy, B.L. (Kharkov) 307/140 -50-1-4/21

TITLE: An Analogue to the Formula of Christoffel for Polynomials Which  
are Orthogonal on the Unit Circle, and Some Applications  
(Analog formuly Kristoffelya dlya mnogochlenov, ortogonal'nykh  
na yedinichnoy okrugzhnosti, i nekotoryye yeye prilozheniya)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy Ministerstva vysshego  
obrazovaniya SSSR, Matematika, 1958, Nr 1, pp 37 - 42 (USSR)

ABSTRACT: Christoffel set up a formula which allows to determine the or-  
thogonal polynomials corresponding to the distribution  $d\sigma(x) =$   
 $= P_n(x)d\sigma_0(x)$ , where  $P_n(x)$  is a polynomial positive on  $[a,b]$ ,  
if the polynomials orthogonal on  $[a,b]$  corresponding to the  
distribution  $d\sigma_0(x)$  are known. The author gives a generali-  
zation of this formula for the case where the orthogonality is  
not demanded on  $[a,b]$  but on the unit circle. Here the clas-  
sical method of Christoffel and later on of Bernshteyn [Ref 1]  
turns out to be not applicable. The author obtains the gene-  
ralized formula by consideration of the conditional extremum  
problem

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An Analogue to the Formula of Christoffel for  
Polynomials Which are Orthogonal on the Unit Circle, and Some Applications

SOV/140-52-1-4/21

$$\min \frac{1}{2\pi} \int_0^{2\pi} |G_m(z)|^2 d\theta = g_m(z_0) , \quad z = e^{i\theta} ,$$

where  $G_m(z)$  is a polynomial of degree  $m$  in  $z$ .

Then the author gives some applications of the obtained formula.

There are 7 references, 5 of which are Soviet, 1 English, and 1 Hungarian.

ASSOCIATION: Khar'kovskiy aviationsionnyy institut (Kharkov Aviation Institute)

SUBMITTED: October 11, 1957

Card 2/2

SOV/140-58-2-4/20

AUTHOR: Golinskij, B.L.

TITLE: On Some Boundary Relations in the Theory of Orthogonal Polynomials  
 (O nekotorykh predel'nykh sootnosheniyakh v teorii ortogonal'nykh mnogochlenov)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy Ministerstva vysshego obrazovaniya SSSR, Matematika, 1958, Nr. 2, pp 29-38 (USSR)

ABSTRACT: Theorem: Let  $\delta(\theta)$  be absolutely continuous on  $[\alpha, \beta]$ ; here let  $p(\theta) = \delta'(\theta)$  be continuous and  $p(\theta) \geq n > 0$ . Then  $\int_{\alpha}^{\beta} |p(\theta)|^2 d\theta > -\infty$ .  
 Then  $\lim_{n \rightarrow \infty} \frac{n+1}{K_n(e^{i\theta_0}, e^{i\theta_0})} = p(\theta_0)$ ,  $K_n(z_0, z_0) = \sum_{v=0}^n |\varphi_v(z_0)|^2$ .  
 where  $\{\varphi_v(z)\}_{v=0}^{\infty}$  is a normed orthogonal system of polynomials corresponding to  $d\delta(\theta)$  (see e.g. Geronimus [Ref 1]). The author formulates two further similar theorems being in a direct connection with the investigations of Geronimus [Ref 1] and overlapping somewhat with the results of Grenander and Rosenblatt [Ref 8].

Card 1/2

On Some Boundary Relations in the Theory of Orthogonal Polynomials SOT/140-58-2-4/20

There are 7 references, 5 of which are Soviet, 1 Polish, and 1 American.

ASSOCIATION: Khar'kovskiy aviationsionnyy institut (Khar'kov Aviation Institute)

SUBMITTED: October 11, 1957

Card 2/2

1671)

AUTHOR

Solanskiy, P.L.

3077-400-59-3-5/22

TITLE

Local Properties of Functions of the Class  $L^p$   
in  $L^p$  (a, b) (USSR)

ABSTRACT

If  $f(x) \in L^p(a, b)$ ,  $p \geq 1$ , and  $\omega_x^{(p)}(f, a, b) < \infty$ , where  $[a, b] \subset \mathbb{C}$  is a closed interval of continuity of  $f(x)$ , further let  $E_n^{(p)}(f, a, b) = \min_{\{P_n\}} \|f - P_n\|_p$ , where the minimum is taken over all trigonometric polynomials  $P_n(x)$  in  $L^p(a, b)$ .

Theorem. If

$$\sum_{n=0}^{\infty} \sqrt{n!} \left( \frac{1}{b-a} \int_a^b |f'(x)|^p dx \right)^{1/p} < \infty$$

then  $f(x)$  is equivalent to a function  $f_j(x) \in L^p(a, b)$ ,  $[f_j(a), f_j(b)] \subset (a, b)$  which can be approximated by trigonometric polynomials  $T_n(x)$ , where

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On Some Local Properties of Functions of the  
Class LP

SGV/140-59-3-5/22

$$\|f_0(x) - T_n(x)\|_{q,(a^*, b^*)} \leq K_1 \sum_{v=1}^{\infty} v^{(\frac{1}{q} - \frac{1}{p} + 1)} \omega_k^{(v)}(\frac{x}{v}, f; a^*, b^*) ,$$

$$n \geq N_0, \quad K_1 = K_1(a, a^*, b^*, b; \|f\|_{p_v(a, b)}) .$$

Theorem. Under the assumptions of the preceding theorem  $f(x)$  is equivalent to a function  $f_0(x) \in L^q(a^*, b^*)$  with the modul of

continuity  $\omega_k^{(q)}(f_0, \delta; a_1, b_1) = 0 \left\{ \delta^k \int_0^{1/\delta} x^{k-1} b_k^{(p)}(x, f) dx \right\}$ , where

$$b_k^{(p)}(x, f) = \int_x^{\infty} y^{-\frac{1}{q} + \frac{1}{p} + 1} \omega_k^{(p)}(\frac{1}{y}, f; a^*, b^*) dy$$

$$\text{and } (a_1, b_1) \subset (a^*, b^*) \subset (a, b^*) \subset (a, b) . \quad \delta \leq n .$$

Card 2/1

307/40-59-3-5/23

On Some Local Properties of Functions of the  
Class  $L^p$

Theorem: Let  $f(x) \in L^p(a, b)$  and  $f'(x) \in Lip(\frac{1}{p}, p; a, b)$ . Then if  $\frac{1}{p} < q < p$  and  $p \leq q < \frac{p}{p-1}$ , then  $f'(x) \in Lip(\frac{1}{q} - \frac{1}{p}, q; a, b)$ .

If  $q \geq p$ , then  $f'(x)$  is equivalent to the continuous function

$f_0(x) \in Lip(\frac{1}{p}; a, b)$ ;  $(a, b) \subset (a - b)^* C[a, b]$ .

Theorem: From  $f(x) \in L^p(a, b)$ ,  $p \geq 1$ , and  $f'(x) \in Lip(\frac{1}{p}, p; a, b)$  it follows that if  $\frac{1}{p} < q < \infty$ ,  $(a, b) \subset (a - b)^* C[a, b]$ , there follows  $f(x) \in L_q(a, b)$ .

Theorem: Let  $f(x) \in L^p(a, b)$ ; for every  $a^*, b^*$  such that  $a^* < b^*$  let  $f(x) \in L^p(a^*, b^*)$ ,  $1 \leq p \leq 2$ . If

$$\sum_{n=1}^{\infty} \frac{1}{n} [E_n^{(p)}(f; a^*, b^*)]^{p-1} < \infty,$$

then the Fourier series of  $f(x)$  converges almost everywhere on  $(a, b)$ .

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6

on Some Local Properties of Functions of the  
Class  $L^p$

507/140-53-1-5/12

For  $p = 2$  the last theorem was proved by S.X.Bari [Ref 4].  
There are 11 references, 6 of which are Soviet, 1 English,  
German, and 1 Polish.

ASSOCIATION: Khar'kovskiy aviationsnnyy institut (Khar'kov Aviation Institute)

SUBMITTED: April 29, 1958

Card 4/4

OV/27-53-4-22-28

22(1)

AUTHORS: Bruk, F., Instructor, and Golinskiy, S., Candidate of Physico-Mathematical Sciences

TITLE: Bibliography. A Valuable Aid

PERIODICAL: Professional'noe tekhnicheskoye obrazovaniye, 1959, Nr 4,  
p. 31 ("S.")

ABSTRACT: The authors review a book on problems in the fundamentals of engineering mechanics compiled by I.Ya. Shtarevyan and A.I. Gal'perin, published by Trudrezervisdat in 1958. They also refer to other textbooks published in recent years and composed by Levinson, Nitinskiy and Movnin, Bychkov and Mirov.

Card 1/1

5/147/59/000/04/020/020  
E031/E413

AUTHOR: Zolotukhin, V. K.

The Scientific-Technical  
Aviation Institute

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In May 1954, the 10th Conference of the International Association of Technikha (Technika), Nr 9, pp 161-165 (USSR).

Teaching Materials for Primary Schools

**Mechanics and Mathematical Physics.** The following papers were read:—A Spectral Representation of the Theory of Aeronautic Perturbations by Committee of Aeronautics and Mathematical Sciences of G. T. Thomas, “*“Use of Evaluations for Functions in Aeronautic Perturbations by Assistant G. T. Thomas*”; Assistance Universelle et Corrections Théoriques pour Méthodes d’Estimation; Equations by Doctor Candidate of Physics and Mechanical Sciences M. V. Shchelkunov; “*On the Application of Boltz and Chebyshev Polynomials to the Solution of Some Problems in the Synthesis of Four Harmonics*” by Doctor Candidate of Physical and Mathematical Sciences N. N. Lebedev; “*The Influence of Structural Lenz on the Convergence of Numerical Series*” by Doctor Candidate of Physics and Mathematical Sciences N. N. Lebedev; “*On the Application of the Method of Successive Approximations to the Solution of Nonlinear Equations*” by Doctor Candidate of Physics and Mathematical Sciences N. N. Lebedev.

**GENERAL TECHNICAL SECTION.** The following papers were read:- "The Relation between the Capital Length of Waves, the Length of Air-waves, Waves and the Acceleration of Potential for High-voltage Work," by Mr. J. W. Wilson, Candidate of Physical and Mathematical Science, I.T.E. Mental. "The Application of Interferometry in Electrical Measurements," by Mr. G. E. Smith.

Wendell W. Cooley, of Commerce of the State, by  
order of the Board of Governors of the Federal Reserve System, at Boston, Massachusetts, on April 12, 1937, transmitted to the Board of Governors of the Federal Reserve System, at Washington, D. C., the results of the fifth investigation of the structure of National Banks.

Eugenio, Candidate of Chemical Sciences and Researcher in Electrical and Medical Technology, has been granted a leave of absence for research studies in Germany. During his stay he will be working on the synthesis of organic compounds and the preparation of organic materials for the production of functional polymers.

**Five Applications of Geostatistics** Chapter 10  
Simulation of Rainfall Variability Chapter 11  
and Correlation Results of Infiltration and Runoff in Determining the  
Heterogeneous Characteristics of Soil and Surface  
Temperature and Humidity by Ancient Chinese  
Farming Sciences Chapter 12  
A New Method of Estimating the Distribution of Precipitation  
in China by Geostatistics Chapter 13  
The Application of Geostatistics in the Prediction of Precipitation  
in China Chapter 14  
The Influence of Geostatistics on the Application of Geostatistics  
in Soil and Water Conservation Chapter 15  
Forested Cover and Rainfall Chapter 16  
Investigation of Geostatistics in the Application of Geostatistics  
in Soil and Water Conservation Chapter 17

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**APPROVED FOR RELEASE: 09/24/2001**

CIA-RDP86-00513R000515720017-3"

16(1)

AUTHOR: Golinskiy, B.L. (Khar'kov)

XV/39-47-2-1/6

TITLE: On the Question Concerning the Summability of the Fourier-Chebyshev Series According to the Method of Feyer (K voprosu o summirovaniyu ryadov Fur'ye-Chebysheva po metodu Feyera)

PERIODICAL: Matematicheskiy sbornik, 1959, Vol 47, Nr 2, pp 255-264 (USSR)

ABSTRACT: Let  $f(\psi)$  be a  $2\pi$ -periodic real function of the class  $L^r(0, 2\pi; p)$ , i.e.

$$\int_0^{2\pi} |f(\psi)|^r p(\psi) d\psi < \infty, \quad r \geq 1$$

where  $p(\cdot)$  is a  $2\pi$ -periodic summable function. Let  $S_D(f; \psi)$  be the section of the Fourier-Chebyshev series of  $f(\psi)$  and

$$\varphi_n^{(k)}(\theta) = \left\{ \frac{1}{n+1} \sum_{\nu=0}^n |S_\nu(f; \theta) - f(\theta)|^k \right\}^{1/k}.$$

Theorem: If it is

$$r(\psi) \geq m > 0$$

Card 1/2

On the Question Concerning the Summability of the Fourier-Chebyshev Series According to the Method of Fejer

almost everywhere on  $[a, b]$ ,  $b - a > 0$ ,

then it is

$$\lim_{n \rightarrow \infty} \varphi_n^{(k)}(\theta) = \varphi(\theta) \quad \text{for } k = 1, 2 \text{ almost every-}$$

where on  $[a, b]$ .

There are 7 references, 5 of which are Soviet, 1 Hungarian, and 1 German.

SUBMITTED: July 1, 1957

Card 2/2  
USCOMM-DC-50940

GOLINSKIY, B.L.

One of the theorems of G.Hardy and J. Littlewood. Izv.vys.ucheb.  
zav.; mat. no.1:94-102 '60. (MIRA 13:6)

1. Khar'kovskiy aviatsionnyy institut.  
(Functions of real variables)

69981

16.4100.

S/039/60/051/004/003/007XX

16.4200

C 111/ C 333

AUTHOR: Gelinskiy, B. L. (Khar'kov)

TITLE: On local approximation of two conjugate functions  
by trigonometric polynomials

PERIODICAL: Matematicheskiy sbornik, v.51, no.4, 1960, 401-426

TEXT: Let  $f(x)$  be  $2\pi$ -periodic,

$$f(x) \in L(0, 2\pi); \quad (0.1)$$

 $L^\infty(a, b) \subset C(a, b)$ ; let

$$f(x) \in L^p(a, b) \quad (0.3)$$

mean that besides (0.1) there is still satisfied

$$f(x) \in L^p(a, b), \quad 1 \leq p \leq \infty \quad (0.2)$$

Let  $[a^*, b^*] \subset (a, b) \subset (0, 2\pi)$ . Let usually  $\|f\|_{(a, b)} =$   
 $= \|f\|_{L^p(a, b)}$  for  $1 \leq p < \infty$  and  $\|f\|_{C(a, b)}$  for  $p = \infty$ .  
Carlo 1/3

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S/039/60/051/004/003/007XX  
C 111/ C 533

On local approximation of two . . .

Let  $\omega_{k,p}(f) = \omega_{k,p}(f, \delta; a', b') = \sup_{0 \leq |h| \leq \delta} \|\Delta_k(f, h)\|_{(a', b')}$   
 where

$$\Delta_k(f, h) = \sum_{i=0}^r (-1)^{k-i} \binom{k}{i} f(x+ih), \quad 0 < \delta \leq \frac{\delta_0}{k}, \quad \delta_0 = \min(a' - a, b' - b)$$
(0.5)

Let  $\omega_{k,p}(\delta) \leq \omega_p(\delta)$ . Let  $f(x) \in Z_{q,p}(a, b)$ ,  $1 \leq p \leq \infty$  mean that

$f(x) \in L^p(a, b)$  and that

$$\int_0^\delta \frac{\omega_q^2(f, t; a', b')}{t} dt < \infty \text{ holds for an arbitrary } [a', b'] \subset (a, b)$$

and an arbitrary  $q \geq 1$ ,  $0 < \delta \leq \delta_0$ . If  $f(x) \in L(0, 2\pi)$  and

$f(x) \in Z_q^p(a, b)$  then  $f(x) \in Z_{q;(0, 2\pi)}^p(a, b)$ . Let

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On local approximation of two .

C : 11/ C 353

$$E_{n,p}(f; a, b) = \inf_{\{T_n\}} \|f - T_n\|_{(a, b)} \quad (0.6)$$

where  $T_n$  are trigonometric polynomials of at most order  $n$ . Let  
 $\varphi \in \Phi$ , if

$\varphi(x)$  does not monotonely decrease,  $\varphi(x) > 0$ ,  $\varphi(0)=0$ ,  $0 < x < \infty$  (0.7)

$\varphi \in \Phi$  satisfies the conditions (Z), (B), (Z<sub>1</sub>), (B<sub>1</sub>), if

$$(Z) \int_0^x \frac{\varphi(t)}{t^2} dt = o\{\varphi(x)\}, \quad (B) \sum_{v=n+1}^{2n} \frac{1}{v} \varphi\left(\frac{1}{v}\right) = o\left\{\varphi\left(\frac{1}{n}\right)\right\} \quad (0.8)$$

$$(Z_1) x \int_{\frac{x}{2}}^{\frac{x}{2}} \frac{\varphi(t)}{t^2} dt = o\{\varphi(x)\}, \quad (B_1) \sum_{v=1}^n \varphi\left(\frac{1}{v}\right) = o\left\{\varphi\left(\frac{1}{n}\right)\right\} \quad (0.9)$$

$\varphi \in \Phi$  is called a majorant of the modul of continuity respectively  
of the best approximations, if

$$\omega_p(\delta) = o\{\varphi(\delta)\}, \quad 0 < \delta \leq \theta \delta, \quad \theta \leq 1 \quad (0.10)$$

Card 3/ 1

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S/039/60/051/004/003/007XX  
C 111/ C 335

On local approximation of two  $\varphi$ ,  
respectively,

$$E_{n,p}(\varphi; a, b) \sim \left\{ \Psi\left(\frac{1}{n}\right) \right\} \quad (n = 1, 2, \dots) \quad (0.11)$$

holds. Assume that the notation  $\omega_p(\delta) \sim \varphi(\delta)$  means that

$$A_1 \varphi(\delta) \leq \omega_p(\delta) \leq A_2 \varphi(\delta) \quad (0.12)$$

Let  $A, B, C, \dots$  be constants;  $A_f, B_f, C_f, \dots$  constants depending on  $f$ .

Let

$$\tilde{\mathcal{B}}[f(x)] = \frac{a_0}{2} + \sum_{n=1}^{\infty} a_n \cos nx + b_n \sin nx ; \quad (0.15)$$

$$\tilde{\mathcal{B}}[f(x)] = \sum_{n=1}^{\infty} \frac{a_n}{\pi} \sin nx + \frac{b_n}{\pi} \cos nx ; \quad (0.15')$$

$$\tilde{f}(x) = \frac{1}{\pi} \int_0^{\pi} \Psi(x, t) \frac{1}{2} \cos \frac{t}{2} dt \quad (0.16)$$

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C 111/ C 333

On local approximation of two

where  $\Psi(x, t) = f(x+t) - f(x-t)$ Theorem 1: Let  $f(x) \in L^p(a, b) \cap C^k(0, 2\pi)$  ( $1 \leq p \leq \infty$ ) Then it holds

$$\left\| f(x) - \sum_{n=0}^{k-1} \int_0^x \Psi(x, t) \frac{\sin t}{t} dt \right\|_{(a, b)} \leq B_f^{(1)} \frac{1}{n} + B_f^{(2)} \omega_p(\frac{1}{n}), \quad (2.2)$$

where the constants are  $B_f^{(k)} = B_f^{(k)}(a, b, k, t; \|f\|_{L^p(0, 2\pi)})$ ,k=1,2; the integer is  $n \in \mathbb{N}_0 + \max \left\{ 2, \frac{2\pi}{d} \right\}$ ,  $d$  is arbitraryconstant,  $0 < \omega_p \ll \infty < \pi$  and  $\tilde{f}'_n(x)$  is  $n$ -th Fejér sum of the  
conjugate Fourier series of  $f(x)$ 

Theorem 2: Let

$$f(x) \in L^p(a, b) \cap C^k(0, 2\pi) \quad 1 \leq p \leq \infty \quad (2.29)$$

Then it holds

$$\tilde{f}(x) \in L^p(a, b) \quad \text{and} \quad (2.29)$$

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C 111/ C 333

On local approximation of two

$$\begin{aligned} & \| \tilde{f}(x) - \tilde{\sigma}_{n-1}(x) \|_{(a', b')} \leq \\ & \leq B_f \left\{ \omega_F \left( \frac{1}{n} \right) + \int_0^n \frac{\omega_F(t)}{t^2} dt \right\} \end{aligned} \quad (2.30)$$

$$n \geq n_0, B_f = B_f(a, a', b, b'; f(a, b), \| f \|_1 (0, 2\pi))$$

Theorem 1: Assume that  $f(x)$  satisfies (2.1). Then it holds

$$\| f(x) - \tilde{\sigma}_{n-1}(x) \|_{(a', b')} \leq D_f \left\{ \omega_F \left( \frac{1}{n} \right) + \frac{1}{n} \int_0^n \frac{\omega_F(t)}{t^2} dt \right\} \quad (2.32)$$

where  $\tilde{\sigma}_n(x)$  is an  $n$ -th Fejér sum of  $f(x)$ ,  $n \geq n_0 = \max \left\{ 2, \frac{\pi}{\delta_0} \right\}$ .Theorem 2: Let  $f(x)$  satisfy the condition (2.1) and let

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S/03-60/051/004/C03/007XX

C 111/ C 333

On local approximation of two

$$E_{n,p}(f; a, b) = o\left\{\varphi\left(\frac{1}{n}\right)\right\} \quad (n \geq 2, \dots), \quad (2.41)$$

where  $\varphi \in \mathbb{C}$  satisfies the conditions (B) and (B<sub>1</sub>). For arbitrary  $[a', b'] \subset [a, b]$  then it holds:

$$\|f(x) - \tilde{E}_{n,p}(x)\|_{(a', b')} = o\left\{\varphi\left(\frac{1}{n}\right)\right\}, \quad n \geq n_0 \quad (2.42)$$

$$\|\tilde{f}(x) - \tilde{E}_{n,p}(x)\|_{(a', b')} = o\left\{\varphi\left(\frac{1}{n}\right)\right\}, \quad n \geq n_0 \quad (2.43)$$

Theorem 2: Let  $f(x)$  satisfy (2.1); let

$$E_{n,p}(f; a, b) = o\left\{\varphi\left(\frac{1}{n}\right)\right\} \quad (n \geq 2, \dots), \quad \varphi(x) = x^{\alpha} (\ln \frac{C}{x})^{\beta} \quad (2.45)$$

If

$$0 < \alpha < 1, \quad 0 \leq \beta \leq 1, \quad d_0 \ln \frac{C}{d_0} = 1, \quad \beta > d_0 \quad \text{or} \quad (2.46)$$

$$\alpha = 1, \quad \beta = 0 \quad (2.46')$$

Card 7/13

9981

S/039/60/051/004/C03/C07XX

On local approximation of two . . . C 111/ C 333

for arbitrary  $[a^*, b^*] \subset C(a, b)$  it holds then:

$$E_{n,p}(f; a^*, b^*) = 0 \left\{ f \left( \frac{*}{n} \right) \right\}, \quad (2.47)$$

where (2.47) in the case (2.46) holds for  $n \geq N$  and in the case (2.46') for  $n \geq N$ , where  $N$  is sufficiently large.

Theorem 6: Let  $f(x)$  satisfy (2.1). Then it holds

$$|f(x) - U_n(x)|_{(a^*, b^*)} \leq \beta_f \left\{ \frac{1}{n} + \omega_{2,p}(f, \frac{1}{n}; a^*, b^*) \right\} \quad (2.51)$$

where the constant is  $\beta_f = \hat{\mathcal{E}}_f(a^*, b^*; \|f\|_1, C, \pi)$ ,  $U_n(x)$  -- trigonometric Jackson sum of  $f(x)$ ,

$$n \geq \mu = \max \left\{ \left[ \frac{4}{\delta_f} \right] + 1, \left[ \frac{4}{\delta_f^2} \sqrt{2} \right] \right\}, \quad [a^*, b^*] \subset (a, b) \text{ arbitrary.}$$

Theorem 7: Let

$$|f(x)| \ln^+ |f(x)| \in L(0, 2\pi) \quad (2.63)$$

and

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S/039/60/051/004/003/007XX

C 111/ C 353

On local approximation of two .

$$f(x) \in \begin{cases} L^p(a, b) \text{ for } p > 1 \\ Z^{p, (a, b)} \text{ for } p = \infty \end{cases} \quad (2.64)$$

(2.64)

For arbitrary  $[a'', b''] \subset (a, b)$  and a certain  $\epsilon'$  then it holds

$$\|\tilde{f}(x) - \tilde{U}_n(x)\|_{(a'', b'')} \leq \tilde{C}_2 \left\{ \frac{1}{n} + \omega_{2, p}(\tilde{f}, \frac{1}{n}; a'', b'') \right\}, \quad n \geq k', \quad (2.51')$$

where  $\tilde{U}_n(x)$  is the Jackson sum of  $\tilde{f}(x)$ .

Theorem 3: Let

$$f(x) \in Z^{p, (a, b)}_{1; (0, 2\pi)}, \quad 1 \leq p \leq \infty \quad (3.1)$$

For arbitrary  $[a', b'] \subset (a', b')$  then it holds

Card 9/13

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S/059/60/051/004/003/007XX  
C 111 / C 333

On local approximation of two . . .

$$\begin{aligned} & \omega_{\tilde{f}}(\tilde{f}, \delta'; a'', b'') = \\ & = 0 \left\{ \omega_p(f, \delta'; a', b') + \int_0^{\delta'} \frac{\omega_p(f, t; a', b')}{t} dt + \delta \int_0^{\delta_0} \frac{\omega_p(f, t; a', b')}{t^2} dt \right\} (3.2) \\ & \quad [a', b'] \subset (a'', b''), \quad \delta \leq \delta_0 = \frac{1}{M_0} \end{aligned}$$

Theorem 9. Assume that  $f(x)$  satisfies (2.1) and that it holds

$$\int_0^{\delta} \frac{\omega_p(f, t; a', b')}{t} \ln \frac{\lambda}{t} dt < \infty, \quad \lambda = e^{\delta}, \quad \delta \leq \delta_0 \quad (3.11)$$

For every  $[a'', b''] \subset (a', b')$  then it holds

$$\tilde{f}(x) \in Z_p(a'', b'') \quad (3.12)$$

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C 111/C 555

On local approximation of two

Theorem '0': Let

$$\{f(x)\}_{x \in I} \subset L^p(0, 2\pi) \quad (3.17)$$

$$f(x) \in L^p(a, b) \quad 1 \leq p \leq \infty \quad (3.18)$$

If for every  $[a', b'] \subset (a, b)$  it holds

$$\omega_p(f, \delta; a', b') \sim \psi(\delta) \quad (1 \leq p \leq \infty) \quad (3.19)$$

where  $\psi \in \Phi$  and satisfies the conditions (E) and (B<sub>1</sub>), then it holds

$$\omega_p(f, \delta; a'', b'') \sim \psi(\delta) \quad (3.20)$$

for  $\delta \in \mathcal{D}_1 = \frac{1}{N}$  and for every  $[a'', b''] \subset (a', b')$ 

Theorem '1': Let

$$f(x) \in Z_{p; (0, 2\pi)}^{p, (a, b)} \quad 1 \leq p \leq 2 \quad (4.1)$$

Card 11/13

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S/079/60/051/004/003/007XX

C 111/ C 333

On local approximation of two .

The series  $\sum f(x)$  and  $\sum f(x)$  then converge almost everywhere  
in  $(a,b)$ .

Theorem 12: Let

$$f(x) \in L^p_{(a,b)} (0, 2\pi) \quad (1 \leq p \leq 2) \quad \text{and} \quad (4.7)$$

$$E_{\varphi_p}(f; a, b) = 0 \quad \left\{ \varphi \left( \frac{1}{p} \right) \right\} \quad (\varphi = 1, 2, \dots) \quad (4.8)$$

where

$$\varphi \in \Phi \text{ and } \sum \frac{1}{p} \varphi^p \left( \frac{1}{p} \right) < \infty \quad (4.9)$$

Then  $\sum f(x)$  and  $\sum f(x)$  converge almost everywhere on  $(a, b)$ .

The author mentions N. K. Bari, S. B. Stechkin, A. F. Timan, M.F. Timan and P. I. Ul'yanev.

Card 12/13

59982.

S/059/6C/051/004/C05/007XX

C 111/ C 333

On local approximation of two

There are 13 references: 10 Soviet-bloc and 3 non-Soviet-bloc. The  
two references to English-language publications read as follows:  
G. H. Hardy, W. W. Rogosinski, Fourier Series, Cambridge, 1944;  
A. Zygmund, On the degree of approximation of functions by Fejér  
Means, Bull. Amer. Math. Soc., 60, No. 4(1954), 274-278.

SUBMITTED: September '6, 1956

X

Card :3/13

GOLINSKIY, B.L.

Application of the theorem of G.Alexits and A.Zygmund and its  
local analogy. Izv.vys.ucheb.zav.; mat. no.2:44-51 '62.  
(MIHA 15:8)

1. Khar'kovskiy aviatsionnyy institut.  
(Harmonic analysis) (Functions, Continuous)

GOLINSKIY, S.L. (Khar'kov)

Local asymptotic relations and asymptotic formulae for polynomials,  
orthogonal on the unit circle. Mat. sbor. 64 no.3:323-356 Jl '64.  
(MIRA 17:12)

GOLINSKIY, B.L. (Khur'kov)

Use of a special type of integral operators in the approximation  
along the entire numerical axis of two functions conjugated  
according to M.Riess. Mat. sbor. 66 no.1:3-34 Ja '65.  
(MIRA 18:4)

GOLINSKIY, B.I.

Limit reversion and conversion of the power plant to gas  
on a unit size. Total cost of the project: \$1.5 billion.  
The project will be implemented in two stages.

ACCESSION NR: AP4040222

S/0202/611/000/003/0039/0046

AUTHORS: Karpov, R. D.; Golinskiy, G. L.; Garapozov, D.

TITLE: Data on macroseismic phenomena in Bulgaria for 1961 and 1962

SCHURK: All right, I'm going to go back to the station and get you.

10.000-10.000-10.000-10.000-10.000-10.000-10.000-10.000-10.000-10.000

and the strength of the rock in the subsurface.

APPROVED FOR RELEASE: 09/24/2001

CTA-RDP86-00513R000515720017-3"

ACCESSION NO: A144002

declines with increasing depth to the water table. These conclusions confirm the general conclusions of S. V. Mulyadov and S. V. Puchkov, and they are in close agreement with computations on increase in scale value for acoustic softness of the ground. (cont.) and has: 3 figures.

RECORDED BY: Odeko (coffizi) - my role is: All Turkmen by 141 (Ministry of  
Geophysics and Seismology, All Turkmen SSR)

SUBMITTED: Odeko

EDD: 00

SUB CODE: 00

REF ID: Q12

OTHER: 000

Card. 2/2

GOLIROVSKIY, S.D.

Card Med Sci

Dessertation: "Presacral Novocaine Block."

10 May 49

Central Inst for the Advanced Training of Physicians

SO Vecheryaya Moskva  
Sum 71

GOLISAYEV, L.A.

[Tomatoes in southern Yakutia] Povibory v Yuzhnoi Jakutii.  
IAkutsk, Knizhnoe izd-vo, 1959. 57 p. (EISA 17:4)

1. Zaveduyushchiy i perevodchik: T. A. Gulyashina-Isakova  
vatelyskogo institutu nauchno-tekhnicheskikh issledovanii

STUPAK, N.K.; GOLISDIA, G.Ya.

Reducing two-dimensional magnetic and gravity anomalies to one  
level. Razv. i prom. geofiz., no.44-10, 110 (ch. (CERA 15.7))  
(Gravity prospecting) (Magnetic prospecting)

GOLISHEV, G.I., POLOSKOV, S.M.

Rocket investigations in the Upper Atmosphere in the USSR

Report to be submitted for the 4th International Space Science Symposium  
(COSPAR) Warsaw, 2-12 June 63

British Abst.  
A III  
Aug. 1953  
Biochemistry of Micro-Organisms,  
Including Fungi

(2)

**Effect of catalase on the oxidation of sorbitol by ketogenic micro-organisms.** P. D. Mikhlin and M. G. Golikheva (*Priroda* 1952, 17, 91-96). *Lactobacillus meimengensis* and *A. subtilis* were grown on a medium containing yeast lysed tablets. Acetoin and PP- $\beta$ -d-glucosidase. A buffer, its dilution determined from previous trials to yield a final concentration of 0.05M, was added to the flask. After 4 hours of growth, 0.1 ml. of a 1% solution in the ratio of methanol to water of the catalyst (catalase) to sorbitol (1:1) was added to the flask. After 1 hour of addition of  $H_2O_2$  in the reaction, the flask was heated at 50°C for 10 minutes to reduce the  $H_2O_2$  formed and prevent further oxidation of acetoin. D. H. Stern.

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515720017-3

... 1960, 1961, 1962, 1963, 1964

Information contained herein is unclassified by [redacted] [redacted]  
[redacted]

Ukrobionoign. .01. 1, 1961. 46

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515720017-3"

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515720017-3

GALLAGHER, W.H.; GRIFFIN, V. LURE; HANNAH, JAMES C. [REDACTED], ETC.

Reference to the interpretation book, RABBI: A CHASIDIC TALMUD  
(VOLUME 184)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515720017-3"

GOLISKI, P.; VESELILOV, T.

Diagnostic value of the method of direct roentgenographic enlargement. Nauch. tr. vissh. med. inst. Sofiya 42 no. 5123-32 '63.

I. Iz kruzchka po rentgenologii; nauchen rukovoditel: dr.  
A. Zheliazkov.

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515720017-3

AMISL, Lander, MT 1920

Twin screw steamship built at Goteborg, Sweden, 1876.  
Length 164.

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CIA-RDP86-00513R000515720017-3"

CHOJECKA, Barbara; GOLISZEK, Janina; KURZEPKA, Stanislaw; LESINSKI, Jan;  
SAMOJLIK, Eugeniusz

Studies on the level of urinary 5-hydroxyindolacetic acid in women with  
and without previous psychoprophylactic preparation in labor. Polski  
tygod. lek. 16 no.11:383-385 13 Mr '61.

l. Z Kliniki Ginekologiczno-Poznucznej; kierownik: prof. dr J. Lesinski  
i Zakladu Farmakologii; p.o. kierownik: dr St. Kurzepa, Instytutu Matki  
i Dziecka; dyrektor: prof. dr F. Groer.

(INDOLACETIC ACID urine) (LABOR urine)

GOLISZEK, Janina; FIJALKOWSKI, Włodzimierz

Psycho-analgesia according to survey material, Gln.polska 32 no.1:  
15-23 '61.

1. Z III Kliniki Poloznictwa i Chorob Kobiecych AM w Warszawie  
Kierownik: prof. dr med. J. Lesinski. Z II Kliniki Poloznictwa i  
Chorob Kobiecych AM w Lodzi Kierownik: prof. dr med. S. Krzysztorski.

(LABOR)

**HIGHLIGHT**

CHODZKA, B. Dr., POLISZEK, J. Dr., KURSZA, J. Dr., LUSINSKI, J. Dr., LAMONIUK, Z. Dr.; Obstetrical and Gynecological Clinic and Department for Pharmacological Research; Institute for Maternity and Infant Care (Szaklaczarz es Konyhgyakozasai, Klinika es Gyogygyakorlatos Orvost; Anya es Ceszkenvedo Intezet); Warsaw.

"5-Hydroxy-Indole-Acetic Acid Excretion of Maternity Patient Prepared and Prepared by Psychoprophylactic Methods."

Bialost, Orvosi Hetilap, Vol 101, No 46, 18 Nov 82, pages 2175-2177.

Abstract: [Authors' summary] Psychoprophylaxis, or paration, by this effect on the central nervous system, resulted in a change in serotonin metabolism. It seemed that the excretion of 5-HIA was proportional to the success of the psychoprophylactic preparation. Furthermore, there was no significant difference between the 5-HIA values of the prepared and control patients. Determination of 5-HIA excretion can be used for the evaluation of success of the psychoprophylactic preparation.

[This paper is published as part of an exchange program, from the:  
Polski Uroczyski Instytut]

All or the references are written, 2 : multiloch;  
1%.

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Difficulties in the evaluation of angiographic studies in a case of  
tendinous fibrosarcoma. Polski przegl. radiol. 25 no.6:539-548 '61.

1. Z Zakladu Radiologii Lekarskiej Kierownik: prof. dr nauk. med.  
W. Zawadowski z Zakladu Anatomii Patologicznej p.o. Kierownik: doc. dr  
med. R. Walentynowicz-Stanczyk z I Kliniki Chirurgicznej Kierownik:  
doc. dr med. J. Nielubowicz.

(FIBROSARCOMA radiog) (ANGIOGRAPHY) (TENDONS neopl)

GOLISZEK-KUCHARSKA, Janina; TELKO, Miroslaw

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281-285 May-June 57.

1. Z III Kliniki Poloznictwa i Chorob Kobiecych k.M. w Warszawie  
Kierownik: prof. dr. J. Lesinski. Adres autora: Warszawa,  
Madalinskiego 25.

(GENITALIA, FEMALE, surg.

use of curare, admin. & contraindic. (Pol))

(CURARE

use in gynecol. surg., admin. & contraindic. (Pol))

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Panstwowe Wydawn.

Monthly list of East European Accessions Index (EEAI), LC, Vol. 3, no. 6, June 1959  
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Technika i technologii, zrodzenia i poziomu wód) Warszawa, Poland  
Vol. 31, no. 5, May 1951

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GOLISZEWSKI, Jerzy, mgr., inz.

The present state of surface water pollution in Poland. Gosp wodna 21  
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Sewage purification of the Capital City of Warsaw. Gosp wodna 21 no.10:  
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POLAND

GOLUSZEWSKI, Kazimierz, Wojewodztwo Department of Veterinary Hygiene (Wojewodzki Zaklad Higieny lekcyjno-rodzinnej) in Katowice (Director: Prof. Dr. Jerzy SZAKLAWSKI)

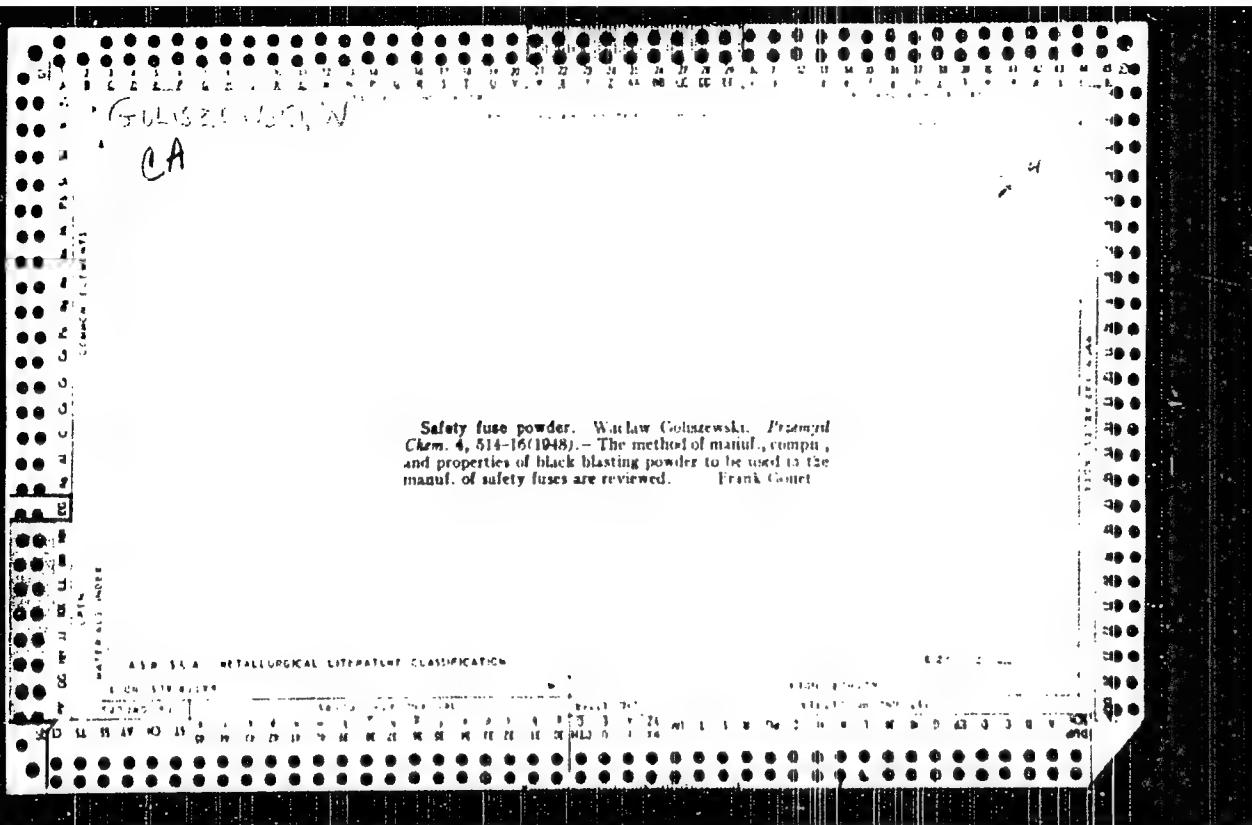
"Location of bovine Trichomonas in the preputial glands of bulls."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol. 29, No. 7, July 1983, p. 395

Abstract: Culture determinations from various parts of the urogenital tract of infected bulls confirmed the fact that trichomonas may penetrate beyond the preputium. Determination of the location of the parasite is important to the selection of treatment procedure. Article shows one diagram and one table. There are 10 references: 3 each Polish and Western, 1 German, and 2 Soviet.

1/1

1/2



VARENIK, M.A., inzh.; GOLITENKO, M.M., inzh.

Parachute unit for hoisting with friction pulleys. Bezop, truda  
v prom. 3 no.6:28-29 Je '59. (MIRA 12:10)  
(Mine hoisting)

NAUMOV, Georgiy Karpovich, kand. ekon. nauk; KONAEV, Arkad'ev  
Semenovich, inzh.; SULAYEV, Nikolay Ivanovich, kand. ekor.  
nauk dots.; FERAPONTOV, Gennadiy Viktorovich, inzh.;  
CHERNUKHA, Nikolay Timofeyevich, inzh.; GOLITSIN, Boris  
Vasil'yevich, inzh.; KRIMMUS, Grigoriy Kharitonovich, kand.  
ekon. nauk, dots.; KOLYUNOVA, M.P., red.

[Economics of railroad freight transportation. Ekonomika pru-  
zovogo khoziaistva zheleznykh dorog. Moscow, Transport,  
1965. 239 p.]

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GOLITSIN, M.F.; KOMANEROV, N.K.

Replacing metal lining of the elevator shaft with wood-lined sections. Sbor. rats. predl. vnedr. v proizv. no.2:17 '61.  
(MIRA 14:7)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat, Vysokogorskoye  
rudoupravleniye.

(Elevators—Maintenance and repair)

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GOLITSIN, S.V.

Forest coverage of the Central Chernozem region. Blul. MCIP. Otd. b/p1.  
63 no.2:130-133 Mr-Ap '63. (MIRA 17:2)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515720017-3"

ACCESSION NR: AP4042337

S/0138/64/000/007/0007/0010

AUTHOR: Rumyantseva, Z. M., Golitsina, A. A., Farberov, M. A., Epshteyn, V. G., Lazaryants, E. G., Yemel'yanov, D. P., Kosmodein'yanskiy, L. V.

TITLE: Synthesis and use of butadiene methacrolein latexes

SOURCE: Kauchuk i rezina, no. 7, 1964, 7-10

TOPIC TAGS: tire manufacture, tire cord saturation compound, saturated cord bond strength, latex containing saturation compound, latex SKMA-3, butadiene methacrolein latex, aldehyde group content, polymerization process, latex synthesis, rubber SKS-30 AM, rubber NK, synthetic rubber, SBR rubber

ABSTRACT: Latexes were synthesized by copolymerization of butadiene and methacrolein at 5C in acid (pH 2.5-4.5) and alkaline (pH 10.0-10.5) media, with methacrolein in the initial emulsion varying from 1 to 30 parts by weight (recipes given). Conversion levels of 70% were attained and the kinetics of the process are described in detail. Compounds of the synthesized latexes with resorcinol-formaldehyde (RF) or glycol-resorcinol formaldehyde (FR-12) resins (12 parts by weight of resin per 100 parts of polymer) were used to saturate tire cords. The cords were then tested by multiple deformation, static peeling and N methods for the strength of their bond to resins from NK, SKB and SKS-30

Card 1/2

ACCESSION NR: AP4042337

AM rubbers. It was found that bond strength depends on the content of aldehyde groups in the latex and was best for a monomer mixture with 20% methacrolein by weight. Polymerization at 5C, a conversion level of 70%, Defo hardness levels of 1500 to 3600 g and the use of a rosin soap as an emulsifier promoted bond strength. Comparative evaluation of the synthesized latex, named SKMA-3, indicated it to be superior in bond strength over compounds based on carboxyl containing and vinyl pyridine latexes. Orig. art. has: 4 tables and 2 graphs.

ASSOCIATION: Nauchno-issledovatel'skiy institut monomerov dlya sinteticheskogo kauchuka (Scientific Research Institute for Synthetic Rubber Monomers); Yaroslavskiy tekhnologicheskiy institut (Yaroslav Technological Institute); Yaroslavskiy shinary\*y zavod (Yaroslav Tire Factory)

SUBMITTED: 00

ENCL: 00

SUB CODE: MT

NO REF SOV: 010

OTHER: 003

Card 2/2

GOLITSINA, L.P. (Kazan')

Acute infectious psychoses in forensic psychiatric practice.  
Prak. Sudebnopsikh. ekspert. no.5:21-28 '61. (MIRA 16:4)  
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(Michurin, Ivan Vladimirovich, 1855-1935)